

## **RAW SEQUENCE LISTING**

**The Biotechnology Systems Branch of the Scientific and Technical  
Information Center (STIC) no errors detected.**

Application Serial Number: 10/825,958  
Source: FWO  
Date Processed by STIC: 1/4/05

# ***ENTERED***



IFWO

## RAW SEQUENCE LISTING

PATENT APPLICATION: US/10/825,958

DATE: 01/04/2005

TIME: 12:54:49

Input Set : A:\50291.004002 sequence listing.txt

Output Set: N:\CRF4\01042005\J825958.raw

3 <110> APPLICANT: Chalifour, Robert  
 4 Hebert, Lise  
 5 Kong, Xianqi  
 6 Gervais, Francine  
 8 <120> TITLE OF INVENTION: VACCINE FOR THE PREVENTION AND TREATMENT OF ALZHEIMER'S  
 9 AND AMYLOID RELATED DISEASES  
 11 <130> FILE REFERENCE: 50291/004002  
 13 <140> CURRENT APPLICATION NUMBER: 10/825,958  
 14 <141> CURRENT FILING DATE: 2004-04-16  
 16 <150> PRIOR APPLICATION NUMBER: 09/724,842  
 17 <151> PRIOR FILING DATE: 2000-11-28  
 19 <150> PRIOR APPLICATION NUMBER: 60/168,594  
 20 <151> PRIOR FILING DATE: 1999-11-29  
 22 <160> NUMBER OF SEQ ID NOS: 63  
 24 <170> SOFTWARE: PatentIn Ver. 2.1  
 26 <210> SEQ ID NO: 1  
 27 <211> LENGTH: 42  
 28 <212> TYPE: PRT  
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 31 <220> FEATURE:  
 32 <223> OTHER INFORMATION: Description of Artificial Sequence: All D peptides  
 33 or peptidomimetics  
 35 <400> SEQUENCE: 1  
 36 Asp Ala Glu Phe Arg His Asp Ser Gly Tyr Glu Val His His Gln Lys  
 37 1 5 10 15  
 39 Leu Val Phe Phe Ala Glu Asp Val Gly Ser Asn Lys Gly Ala Ile Ile  
 40 20 25 30  
 42 Gly Leu Met Val Gly Gly Val Val Ile Ala  
 43 35 40  
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 47 <211> LENGTH: 40  
 48 <212> TYPE: PRT  
 49 <213> ORGANISM: Artificial Sequence  
 51 <220> FEATURE:  
 52 <223> OTHER INFORMATION: Description of Artificial Sequence: All D peptides  
 53 or peptidomimetics  
 55 <400> SEQUENCE: 2  
 56 Asp Ala Glu Phe Arg His Asp Ser Gly Tyr Glu Val His His Gln Lys  
 57 1 5 10 15  
 59 Leu Val Phe Phe Ala Glu Asp Val Gly Ser Asn Lys Gly Ala Ile Ile  
 60 20 25 30  
 62 Gly Leu Met Val Gly Gly Val Val  
 63 35 40

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66 <210> SEQ ID NO: 3
67 <211> LENGTH: 35
68 <212> TYPE: PRT
69 <213> ORGANISM: Artificial Sequence
71 <220> FEATURE:
72 <223> OTHER INFORMATION: Description of Artificial Sequence: All D peptides
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75 <400> SEQUENCE: 3
76 Asp Ala Glu Phe Arg His Asp Ser Gly Tyr Glu Val His His Gln Lys
77   1             5             10             15
79 Leu Val Phe Phe Ala Glu Asp Val Gly Ser Asn Lys Gly Ala Ile Ile
80             20             25             30
82 Gly Leu Met
83             35
86 <210> SEQ ID NO: 4
87 <211> LENGTH: 28
88 <212> TYPE: PRT
89 <213> ORGANISM: Artificial Sequence
91 <220> FEATURE:
92 <223> OTHER INFORMATION: Description of Artificial Sequence: All D peptides
93     or peptidomimetics
95 <400> SEQUENCE: 4
96 Asp Ala Glu Phe Arg His Asp Ser Gly Tyr Glu Val His His Gln Lys
97   1             5             10             15
99 Leu Val Phe Phe Ala Glu Asp Val Gly Ser Asn Lys
100             20             25
103 <210> SEQ ID NO: 5
104 <211> LENGTH: 7
105 <212> TYPE: PRT
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108 <220> FEATURE:
109 <223> OTHER INFORMATION: Description of Artificial Sequence: All D peptides
110     or peptidomimetics
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113 Asp Ala Glu Phe Arg His Asp
114   1             5
117 <210> SEQ ID NO: 6
118 <211> LENGTH: 7
119 <212> TYPE: PRT
120 <213> ORGANISM: Artificial Sequence
122 <220> FEATURE:
123 <223> OTHER INFORMATION: Description of Artificial Sequence: All D peptides
124     or peptidomimetics
126 <400> SEQUENCE: 6
127 Tyr Glu Val His His Gln Lys
128   1             5
131 <210> SEQ ID NO: 7
132 <211> LENGTH: 6
133 <212> TYPE: PRT

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134 <213> ORGANISM: Artificial Sequence  
136 <220> FEATURE:  
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145 <210> SEQ ID NO: 8  
146 <211> LENGTH: 7  
147 <212> TYPE: PRT  
148 <213> ORGANISM: Artificial Sequence  
150 <220> FEATURE:  
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154 <400> SEQUENCE: 8  
155 Val Gly Gly Val Val Ile Ala  
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159 <210> SEQ ID NO: 9  
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161 <212> TYPE: PRT  
162 <213> ORGANISM: Artificial Sequence  
164 <220> FEATURE:  
165 <223> OTHER INFORMATION: Description of Artificial Sequence: All D peptides  
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168 <400> SEQUENCE: 9  
169 Lys Ile Val Phe Phe Ala  
170 1 5  
173 <210> SEQ ID NO: 10  
174 <211> LENGTH: 7  
175 <212> TYPE: PRT  
176 <213> ORGANISM: Artificial Sequence  
178 <220> FEATURE:  
179 <223> OTHER INFORMATION: Description of Artificial Sequence: All D peptides  
180 or peptidomimetics  
182 <400> SEQUENCE: 10  
183 Lys Lys Leu Val Phe Phe Ala  
184 1 5  
187 <210> SEQ ID NO: 11  
188 <211> LENGTH: 6  
189 <212> TYPE: PRT  
190 <213> ORGANISM: Artificial Sequence  
192 <220> FEATURE:  
193 <223> OTHER INFORMATION: Description of Artificial Sequence: All D peptides  
194 or peptidomimetics  
196 <400> SEQUENCE: 11  
197 Lys Phe Val Phe Phe Ala  
198 1 5  
201 <210> SEQ ID NO: 12  
202 <211> LENGTH: 6

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Input Set : A:\50291.004002 sequence listing.txt

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203 <212> TYPE: PRT  
204 <213> ORGANISM: Artificial Sequence  
206 <220> FEATURE:  
207 <223> OTHER INFORMATION: Description of Artificial Sequence: All D peptides  
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212 1 5  
215 <210> SEQ ID NO: 13  
216 <211> LENGTH: 4  
217 <212> TYPE: PRT  
218 <213> ORGANISM: Artificial Sequence  
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221 <223> OTHER INFORMATION: Description of Artificial Sequence: All D peptides  
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224 <400> SEQUENCE: 13  
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229 <210> SEQ ID NO: 14  
230 <211> LENGTH: 6  
231 <212> TYPE: PRT  
232 <213> ORGANISM: Artificial Sequence  
234 <220> FEATURE:  
235 <223> OTHER INFORMATION: Description of Artificial Sequence: All D peptides  
236 or peptidomimetics  
238 <400> SEQUENCE: 14  
239 Lys Ala Val Phe Phe Ala  
240 1 5  
243 <210> SEQ ID NO: 15  
244 <211> LENGTH: 5  
245 <212> TYPE: PRT  
246 <213> ORGANISM: Artificial Sequence  
248 <220> FEATURE:  
249 <223> OTHER INFORMATION: Description of Artificial Sequence: All D peptides  
250 or peptidomimetics  
252 <400> SEQUENCE: 15  
253 Lys Leu Val Phe Phe  
254 1 5  
257 <210> SEQ ID NO: 16  
258 <211> LENGTH: 6  
259 <212> TYPE: PRT  
260 <213> ORGANISM: Artificial Sequence  
262 <220> FEATURE:  
263 <223> OTHER INFORMATION: Description of Artificial Sequence: All D peptides  
264 or peptidomimetics  
266 <400> SEQUENCE: 16  
267 Lys Val Val Phe Phe Ala  
268 1 5  
271 <210> SEQ ID NO: 17

## RAW SEQUENCE LISTING

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Input Set : A:\50291.004002 sequence listing.txt

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272 <211> LENGTH: 6  
273 <212> TYPE: PRT  
274 <213> ORGANISM: Artificial Sequence  
276 <220> FEATURE:  
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280 <220> FEATURE:  
281 <221> NAME/KEY: MOD\_RES  
282 <222> LOCATION: (6)  
283 <223> OTHER INFORMATION: AMIDATION  
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286 Lys Ile Val Phe Phe Ala  
287 1 5  
290 <210> SEQ ID NO: 18  
291 <211> LENGTH: 6  
292 <212> TYPE: PRT  
293 <213> ORGANISM: Artificial Sequence  
295 <220> FEATURE:  
296 <223> OTHER INFORMATION: Description of Artificial Sequence: All D peptides  
297 or peptidomimetics  
299 <220> FEATURE:  
300 <221> NAME/KEY: MOD\_RES  
301 <222> LOCATION: (6)  
302 <223> OTHER INFORMATION: AMIDATION  
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305 Lys Leu Val Phe Phe Ala  
306 1 5  
309 <210> SEQ ID NO: 19  
310 <211> LENGTH: 6  
311 <212> TYPE: PRT  
312 <213> ORGANISM: Artificial Sequence  
314 <220> FEATURE:  
315 <223> OTHER INFORMATION: Description of Artificial Sequence: All D peptides  
316 or peptidomimetics  
318 <220> FEATURE:  
319 <221> NAME/KEY: MOD\_RES  
320 <222> LOCATION: (6)  
321 <223> OTHER INFORMATION: AMIDATION  
323 <400> SEQUENCE: 19  
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325 1 5  
328 <210> SEQ ID NO: 20  
329 <211> LENGTH: 6  
330 <212> TYPE: PRT  
331 <213> ORGANISM: Artificial Sequence  
333 <220> FEATURE:  
334 <223> OTHER INFORMATION: Description of Artificial Sequence: All D peptides  
335 or peptidomimetics  
337 <220> FEATURE:

RAW SEQUENCE LISTING ERROR SUMMARY      DATE: 01/04/2005  
PATENT APPLICATION: US/10/825,958      TIME: 12:54:50

Input Set : A:\50291.004002 sequence listing.txt  
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Please Note:

Use of n and/or Xaa have been detected in the Sequence Listing. Please review the Sequence Listing to ensure that a corresponding explanation is presented in the <220> to <223> fields of each sequence which presents at least one n or Xaa.

Seq#:55; Xaa Pos. 4  
Seq#:56; Xaa Pos. 5  
Seq#:57; Xaa Pos. 4,5  
Seq#:58; Xaa Pos. 4  
Seq#:59; Xaa Pos. 5  
Seq#:60; Xaa Pos. 4,5  
Seq#:61; Xaa Pos. 4  
Seq#:62; Xaa Pos. 5  
Seq#:63; Xaa Pos. 4,5

**VERIFICATION SUMMARY**

PATENT APPLICATION: US/10/825,958

DATE: 01/04/2005

TIME: 12:54:50

Input Set : A:\50291.004002 sequence listing.txt

Output Set: N:\CRF4\01042005\J825958.raw

L:953 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:55 after pos.:0  
L:972 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:56 after pos.:0  
L:991 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:57 after pos.:0  
L:1010 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:58 after pos.:0  
L:1029 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:59 after pos.:0  
L:1048 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:60 after pos.:0  
L:1067 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:61 after pos.:0  
L:1086 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:62 after pos.:0  
L:1105 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:63 after pos.:0